

# The Western Journal of Medicine

VOLUME 144 • NUMBER 1

JANUARY 1986

## CLINICAL INVESTIGATION

- 33 Familial Automaticity-Conduction Disorder With Associated Cardiomyopathy  
P R GREENLEE, J L ANDERSON, J R LUTZ, A E LINDSAY and A D HAGAN

## CLINICAL MEDICINE

- 42 Differentiating Pyogenic Arthritis From Spontaneous Hemarthrosis in Patients With Hemophilia  
R T ELLISON III and L B RELLER
- 46 Mammographic Detection of Early Breast Cancer—Ten Years' Experience in a Community Hospital  
F R MARGOLIN and M D LAGIOS

## MEDICAL PROGRESS

- 49 Radiologic Imaging Modalities, Including Magnetic Resonance, for Evaluating Lymph Nodes  
G C DOOMS and H HRICAK

## CLINICOPATHOLOGIC CONFERENCE

- 58 Fever and Pancytopenia in an Alcoholic Patient  
Discussants: P BARNES, E De LEONARDIS, D FEINS  
P CHANDRASOMA and J M LEEDOM

## MEDICAL STAFF CONFERENCE

- 63 Malnutrition in Hospitalized Patients—Diagnosis and Treatment  
Chief Discussant: R B BARON

## EPITOMES

- 68 Important Advances in Obstetrics and Gynecology

## EDITORIALS

- 73 A New Look in Government Regulation? • Breast Cancer Detection • What Is Medicine (Organized Medicine) Really All About? • Imaging Modalities for Lymph Nodes

## CASE REPORTS

- 78 Inland Presentation of *Vibrio vulnificus* Primary Septicemia and Necrotizing Fasciitis  
R D JENKINS and J M JOHNSTON
- 80 Ophthalmomyiasis Externa in California  
R R S HEYDE, S R SEIFF and J MUCIA
- 81 Hemolysis, Elevated Liver Enzymes and Low Platelet Count—The HELLP Syndrome  
K D BERTAKIS and D B HUFFORD
- 83 Endoscopic Observations of the Pharyngeal Airway During Treatment of Obstructive Sleep Apnea With Nasal Continuous Positive Airway Pressure—A Pneumatic Splint  
R A POPPER, M J LEIDINGER and A J WILLIAMS

## CORRESPONDENCE

- 86 Cancer Screening Guidelines • Testing for Ascites • Contact Lenses and Respirator Use • 'Pseudoseptic' Arthritis • Anger and Frustration Revisited • Clinical Importance of the Determinants of the Hyponatremic Response to Hyperglycemia • Fatigue Fracture, Not Pseudofracture • The Class of '85: OB Malpractice Fee Phobia Among Medical Students • Do-Not-Resuscitate Orders Viewed After a Year of Residency • Evaluating Chronic Encephalopathy From Organic Solvents • AIDS Transmission • Correction—Hepatitis A

## MEDICAL EDUCATION

- 93 The Internship—A Prospective Investigation of Emotions and Attitudes  
D E GIRARD, D L ELLIOT, D H HICKAM, L SPARR, N G CLARKE, L WARREN and J KOSKI

## SPECIAL ARTICLE

- 99 Voice Problems in Entertainers  
H von LEDEN

## COMMENTARY

- 102 Health Promotion—An Ethical Perspective  
R BUSH

- 103 The Therapeutic Value of Pets  
F T FITZGERALD

## INFORMATION

- 106 Physicians' Attitudes Toward Homosexuality—Survey of a California County Medical Society  
W C MATHEWS, M W BOOTH, J D TURNER and L KESSLER
- 110 Nonsurgical Management of Necrotizing External Otitis  
M F COLMAN and R F CANALIS

## OTHER FEATURES

- 3 Information for Authors
- 12 Western Continuing Medical Education Activities
- 19 Subscription Information
- 112 In Memoriam
- 114 Classified Advertising
- 124 California Medical Association Annual Meeting
- 128 Western State Medical Associations' Meetings
- Medical Practice Questions: 98, 101

Detailed Table of Contents: 7, 10, 15

Official Journal of the Arizona Medical Association, the California Medical Association, the Idaho Medical Association, the Montana Medical Association, the Nevada State Medical Association, the New Mexico Medical Society, the Utah State Medical Association, the Washington State Medical Association and the Wyoming Medical Society. Affiliated Specialty Society: California Society of Internal Medicine.

Affiliated Clinical Investigation Societies: the Western Association of Physicians; the Western Society for Clinical Investigation; the Western Section, American Federation for Clinical Research; the Western Society for Pediatric Research; the Western Region, Society for Investigative Dermatology.

# The Western Journal of Medicine

---

VOLUME 144 • NUMBER 1 • JANUARY 1986

## CONTENTS

### CLINICAL INVESTIGATION

---

**33 Familial Automaticity-Conduction Disorder With Associated Cardiomyopathy**

PATRICIA ROBERTS GREENLEE, MD; JEFFREY L. ANDERSON, MD; JOAN R. LUTZ, RN; ALAN E. LINDSAY, MD, and ARTHUR D. HAGAN, MD

*From the Department of Medicine, Cardiology Division, University of Utah School of Medicine and LDS Hospital, Salt Lake City.*

### CLINICAL MEDICINE

---

**42 Differentiating Pyogenic Arthritis From Spontaneous Hemarthrosis in Patients With Hemophilia**

RICHARD T. ELLISON III, MD, and L. BARTH RELLER, MD

*From the Infectious Disease Section, Veterans Administration Medical Center, and the Division of Infectious Diseases, Department of Medicine, University of Colorado School of Medicine, Denver.*

**46 Mammographic Detection of Early Breast Cancer—Ten Years' Experience in a Community Hospital**

FREDERICK R. MARGOLIN, MD, and MICHAEL D. LAGIOS, MD

*From the Departments of Radiology and Pathology, Children's Hospital of San Francisco.*

### MEDICAL PROGRESS

---

**49 Radiologic Imaging Modalities, Including Magnetic Resonance, for Evaluating Lymph Nodes**

GEORGES C. DOOMS, MD, and HEDVIG HRICAK, MD

*From the Department of Radiology, University of California, San Francisco, School of Medicine. Dr Dooms is now with the Université Catholique de Louvain Faculté de Médecine, Brussels.*

### CLINICOPATHOLOGIC CONFERENCE

---

**58 Fever and Pancytopenia in an Alcoholic Patient**

Discussants: PETER BARNES, MD; EDWARD De LEONARDIS, MD; DONALD FEINSTEIN, MD; PARAKRAMA CHANDRASOMA, MD, and JOHN M. LEEDOM, MD

*An edited transcript of Medical Grand Rounds held at the Los Angeles County—University of Southern California Medical Center, Los Angeles, on September 26, 1984. David A. Goldstein, MD, Associate Professor of Medicine, is the coordinator of these conferences. This conference was edited by Drs Goldstein and Barnes.*

### MEDICAL STAFF CONFERENCE

---

**63 Malnutrition in Hospitalized Patients—Diagnosis and Treatment**

Chief Discussant: ROBERT B. BARON, MD

*A discussion selected from the weekly staff conferences in the Department of Medicine, University of California, San Francisco, School of Medicine. Taken from a transcription, it was prepared by Drs Homer A. Boushey, Associate Professor of Medicine, and David G. Warnock, Associate Professor of Medicine, under the direction of Dr Lloyd H. Smith, Jr, Professor of Medicine and Associate Dean in the School of Medicine.*

### EPITOMES—IMPORTANT ADVANCES IN CLINICAL MEDICINE

---

**Obstetrics and Gynecology**

*Items of progress in obstetrics and gynecology. Each item in the judgment of a panel of knowledgeable physicians has recently become reasonably firmly established, both as to scientific fact and important clinical significance.*

**68 The NORPLANT Contraceptive System**

DONALD MINKLER, MD

**68 External Cephalic Version**

EARLE Y. OKI, MD

**69 Vaginal Delivery After Previous Cesarean Section**

JEFFREY P. PHELAN, MD

**70 In Vitro Fertilization and Embryo Transfer**

CLIFFORD A. WALTERS, MD

**70 Rh Immune Globulin Update**

E. R. JENNINGS, MD

**71 Chorionic Villus Sampling**

W. ALLEN HOGGE, MD, and MITCHELL S. GOLBUS, MD

**71 Use of Lasers for the Treatment of Squamous Cell Carcinoma In Situ of the Uterine Cervix**

DUANE E. TOWNSEND, MD

(Continued on Page 10)

(Continued from Page 7)

## EDITORIALS

## 73 A New Look in Government Regulation?

## 73 Breast Cancer Detection

DANIEL B. KOPANS, MD

*Dr Kopans is Assistant Director of Ambulatory Care Radiology and Director of Breast Imaging, Department of Radiology, Massachusetts General Hospital, Harvard Medical School, Boston.*

## 76 What Is Medicine (Organized Medicine) Really All About?

## 76 Imaging Modalities for Lymph Nodes

JOSEPH K. T. LEE, MD

*Dr Lee is Associate Professor of Radiology and Co-Director, Computed Body Tomography, Mallinckrodt Institute of Radiology, Washington University of Medicine, St Louis.*

## CASE REPORTS

78 Inland Presentation of *Vibrio vulnificus* Primary Septicemia and Necrotizing Fasciitis

RONALD D. JENKINS, MD, and JEFFERY M. JOHNSTON, MD

*From the Department of Internal Medicine and the Center for Infectious Diseases, Diagnostic Microbiology and Immunology, University of Utah School of Medicine, Salt Lake City.*

## 80 Ophthalmomyiasis Externa in California

RAYMOND R. S. HEYDE, MD; STUART R. SEIFF, MD, and JOHN MUCIA, MD

*From the Department of Ophthalmology, Jules Stein Eye Institute, and the Department of Emergency Medicine, UCLA School of Medicine, Los Angeles. Dr Seiff is now affiliated with the Department of Ophthalmology, University of California, San Francisco, School of Medicine.*

## 81 Hemolysis, Elevated Liver Enzymes and Low Platelet Count—The HELLP Syndrome

KLEA D. BERTAKIS, MD, MPH, and DONALD B. HUFFORD, MD

*From the Department of Family Practice, University of California, Davis, Medical Center, Sacramento.*

## 83 Endoscopic Observations of the Pharyngeal Airway During Treatment of Obstructive Sleep Apnea With Nasal Continuous Positive Airway Pressure—A Pneumatic Splint

RONALD A. POPPER, MD; M. JOSEPH LEIDINGER, MD, and ADRIAN J. WILLIAMS, MB, MRCP

*From the Chest Unit and Medical and Research Services, Wadsworth Veterans Administration Medical Center, and UCLA School of Medicine, Los Angeles*

## CORRESPONDENCE

## 86 Cancer Screening Guidelines

DAVID WISHART, MD

## 86 Testing for Ascites

HENRY SCHNEIDERMAN, MD

## 87 Contact Lenses and Respirator Use

MICHAEL GONDEK, MD

## 87 'Pseudoseptic' Arthritis

RONALD V. LOGE, MD

BRIAN F. MANDELL, MD, PhD

## 88 Anger and Frustration Revisited

E. A. RAVITZ, DO

## 89 Clinical Importance of the Determinants of the Hyponatremic Response to Hyperglycemia

ANTONIOS H. TZAMALOUKAS, MD

MARK MORAN, MD, and REX L. JAMISON, MD, reply

## 90 Fatigue Fracture, Not Pseudofracture

S. B. REICH, MD

## 90 The Class of '85: OB Malpractice Fee Phobia Among Medical Students

WM. MacMILLAN RODNEY, MD

## 91 Do-Not-Resuscitate Orders Viewed After a Year of Residency

MARC TUNZI, MD

## 91 Evaluating Chronic Encephalopathy From Organic Solvents

ALVIN MARKOVITZ, MD

## 92 AIDS Transmission

JAMES M. CAMPBELL, MD

## 92 Correction—Hepatitis A

DAVID E. DASSEY, MD

(Continued on Page 15)

(Continued from Page 10)

# MEDICAL EDUCATION

## 93 The Internship—A Prospective Investigation of Emotions and Attitudes

DONALD E. GIRARD, MD; DIANE L. ELLIOT, MD; DAVID H. HICKAM, MD; LANDY SPARR, MD; NANCY G. CLARKE; LINDA WARREN, and JAMES KOSKI, MD

*From the Division of General Medicine, Department of Medicine, and the Department of Psychiatry, The Oregon Health Sciences University, Portland.*

# SPECIAL ARTICLE

## 99 Voice Problems in Entertainers

HANS von LEDEN, MD

*From the University of Southern California and the Institute of Laryngology and Voice Disorders, Los Angeles.*

# COMMENTARY

## 102 Health Promotion—An Ethical Perspective

ROGER BUSH, MD

*From the Department of Medicine, The Mason Clinic, Seattle.*

## 103 The Therapeutic Value of Pets

FAITH T. FITZGERALD, MD

*From the Department of Medicine, Division of General Medicine, University of California, Davis, Medical Center, Sacramento.*

# INFORMATION

## 106 Physicians' Attitudes Toward Homosexuality—Survey of a California County Medical Society

WM. CHRISTOPHER MATHEWS, MD; MARY W. BOOTH, MA; JOHN D. TURNER, MA, and LOIS KESSLER, MA

*From the Department of Medicine, University of California, San Diego, School of Medicine; the Behavioral Sciences Department, Grossmont College, El Cajon, California, and the Department of Health Sciences, San Diego State University. Dr Mathews is now a Robert Wood Johnson Clinical Scholar at the University of California, Los Angeles.*

## 110 Nonsurgical Management of Necrotizing External Otitis

MARC F. COLMAN, MD, and RINALDO F. CANALIS, MD

*From the Department of Surgery, Division of Head and Neck Surgery, UCLA School of Medicine, Los Angeles, and Harbor-UCLA Medical Center, Torrance. Dr Colman is now Associate Professor of Surgery, Division of Otolaryngology, Head and Neck Surgery, University of South Florida College of Medicine, Tampa.*

# OTHER FEATURES

## 3 Information for Authors

## 12 Continuing Medical Education Activities in Arizona; California, Hawaii and Nevada; Idaho; Montana; New Mexico; Oregon; Utah; Washington; Wyoming

## 19 Subscription Information

## 112 In Memoriam

## 114 Classified Advertising

## 124 California Medical Association Annual Meeting

## 128 Western State Medical Associations' Meetings

Medical Practice Questions: 98, 101

★ Official Journal of the Arizona Medical Association, the California Medical Association, the Idaho Medical Association, the Montana Medical Association, the Nevada State Medical Association, the New Mexico Medical Society, the Utah State Medical Association, the Washington State Medical Association and the Wyoming Medical Society. Affiliated Specialty Society: California Society of Internal Medicine.

★ Affiliated Clinical Investigation Societies: the Western Association of Physicians; the Western Society for Clinical Investigation; the Western Section, American Federation for Clinical Research; the Western Society for Pediatric Research; the Western Region, Society for Investigative Dermatology.